# Mountain Weather Forecast

## North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 15:32 by Met Office Aberdeen

**Confidence:** High for unsettled conditions on Tuesday with freezing levels rising above the tops later then for windy and showery conditions on Wednesday. Very low confidence for Thursday and Friday for the track of weather fronts moving east over the UK.

**Headline for Tuesday 03 Jan 2023:** Spells of sleet or snow, turning to rain later. Windy, gales at first.

**Mountain weather hazards on Tuesday 03 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>Medium Likelihood | **Heavy persistent snow**<br>Medium Likelihood | **Storm force winds**<br>Low Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>High Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Cloudy | Light snow | Heavy snow | Cloudy | Light snow | Heavy Rain | Heavy Rain |
| Precipitation probability | | | | | | | |
| <05% | 20% | 90% | 70% | 30% | 50% | 90% | 90% |

**Forecast for Tuesday 03 Jan 2023**

**Weather:** Outbreaks of snow will spread northeast late in the night, becoming heavy for a time before turning to rain below 600m and easing during the morning. Drier for a couple of hours during the middle of the day before outbreaks of rain arrive from the southwest during the afternoon, preceded by snow above 800m. Rain becoming heavy and persistent with a thaw setting in as conditions turn milder.

**Chance of cloud-free hill tops above 800m:** 10%, becoming 60% for a few hours.

**Low cloud and visibility:** Extensive cloud and fog above 600 or 700m, although bases lifting for a few hours in the middle of the day. Whiteout conditions on the tops with blizzards in the morning and blowing snow. Below the cloud, mainly poor visibility in the rain or snow but good for a time during the drier spell.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Tuesday 03 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **1300** | 32/41 S | 41/52 S | 46/59 SE | 35/45 S | 31/40 S | 29/37 S | 30/38 SE | 29/37 SE | 40/52 S |
| **900** | 29/36 S | 42/52 S | 47/58 S | 37/47 SE | 28/35 S | 27/34 S | 30/36 SE | 28/35 S | 35/44 S |
| **600** | 17/25 S | 29/43 S | 33/48 S | 27/38 S | 16/24 S | 14/22 S | 14/22 SE | 16/22 S | 21/32 SW |
| **300** | 6/15 SW | 6/18 SW | 10/26 S | 14/32 S | 5/14 SW | 3/10 S | 3/7 S | 3/8 SW | 8/20 SW |
| **Glen** | 5/20 SW | 4/20 S | 4/21 S | 4/18 S | 5/19 SW | 3/14 S | 3/9 S | 3/11 S | 3/18 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **1300** | -6/-16 | -6/-18 | -6/-18 | -5/-16 | -3/-12 | -3/-12 | 0/-8 | 1/-8 | 1/-7 |
| **900** | -1/-9 | -1/-10 | -1/-10 | -2/-10 | 0/-7 | 1/-5 | 2/-4 | 4/-2 | 3/-4 |
| **600** | 0/-6 | 0/-7 | 1/-7 | 1/-6 | 2/-2 | 3/-2 | 3/-1 | 4/1 | 5/0 |
| **300** | -1/-4 | -1/-4 | 1/-3 | 2/-3 | 3/0 | 2/1 | 2/1 | 3/1 | 4/1 |
| **Glen** | -0/-4 | -0/-4 | 1/-2 | 1/-1 | 3/1 | 4/2 | 3/1 | 4/2 | 5/2 |
| **Freezing Level*** | 300m | 300m | 500m | 600m | 900m | 1000m | 1500m | 1900m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Met Office Aberdeen Meteorologist's View**

Low cloud and snow will give whiteout conditions on the tops in the morning and later in afternoon with very difficult conditions for navigation. Gusts of 60 to 70mph on the high tops and ridges early in the morning.

**Forecast for Wednesday 04 Jan 2023**

**Weather:** Heavy rain will clear overnight. A cloudy morning with occasional showers, falling as snow above 800m, and accompanied by strong westerly winds. Showers and winds easing in the afternoon with some bright spells.

**Maximum wind:** West or Southwest 30 to 40mph with gusts 50mph, easing to 20mph gusts 30mph.

**Chance of cloud-free hill tops above 800m:** 30% in morning, becoming 80% in afternoon.

**Low cloud and visibility:** Frequent cloud and fog above 700m in the morning, but higher bases across the Cairngorms. Visibility becoming good in the afternoon with cloud lifting and breaking.

**Temperature:** **Glens:** Plus 8C falling to 2C after dark.
**At 800m:** Plus 3C falling to Minus 1C.
**Freezing level:** Above summits, falling to 800-1000m, then 500m in evening.

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